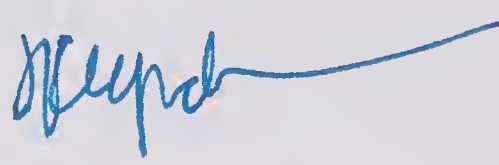


TO : PARTICIPANTS IN 1997 SERC WINTER BIRD COUNT  
FROM : JIM LYNCH   
RE : RESULT OF COUNT  
DATE : 12 JANUARY 1997

Weather: So far, the winter of 1996-97 has been unusually mild. Temperatures reached into the 70's a week prior to the count, breaking all-time records for the Baltimore-Washington region. This balmy weather quickly deteriorated, and falling temperatures and snow flurries characterized the pre-count week. About 1" of new snow blanketed the count area the night before the count. The morning of the count was calm, clear, and cool (ca. 25° F). The day remained on the cool side, with afternoon temperatures peaking at 34-36° F, but a stiff breeze had built by mid-day. The Rhode River and West River were free of ice, a welcome change from last year's ice-locked conditions.

The count.-- We mustered 14 volunteers at the SERC visitor's center at 07:00. As usual, we broke up into four parties, each of which covered a different sector of the 70 km<sup>2</sup> Rhode River count area (this is only about 5% the size of a standard 1,810 km<sup>2</sup> Audubon Christmas Count circle). Each party was in the field for 6.5-9 hours. Weather conditions were reasonably good, and our final tally of 66 bird species was moderately high compared with previous SERC counts. We easily exceeded 1996's miserable total of 44 species and 1995's 60 species, but did not match the 1993,1994 counts, which yielded 70 and 68 species, respectively. Last year's ice-bound conditions were anathema to water birds, and in 1996 we counted only 2 species of waterfowl (Canada Goose and Tundra Swan). This year we tallied 13 waterfowl species, a record for the SERC count. Other major contrasts with last year's results included a steep decline in numbers of Canada Geese (313 vs. 2184) and a huge influx of Ruddy Ducks (none in past three years, vs. 1,248 this year). Unusual species (for the SERC area) in this year's count included the first ever records of Hooded Merganser and American Coot, and our second-ever Fox Sparrow and Chipping Sparrow.

Thanks to all of you for helping out, and I look forward to seeing you again next year.

cc: Ed Balinsky, Chris Barkan, Danny Bystrak, Paul Fofonoff, Tod Heisler, Chris Himes, Stephanie Jamieson, Jim Lynch, Karen Marti, Linda McCann, Jess Parker, Chris Swarth, Charles Weatherhill, Denny Whigham



7

Results of 1997 SERC winter bird count (11 January 1996)

No. of observers: 14 No. of parties: 4 Party hrs: ca. 29 Weather: clear; T = 25-35° F;  
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Letts S. to Dock Rd; 2 - Dock Rd S. to Muddy Creek; 3 - Muddy Creek S. to Cumberstone Rd; 4 -  
Cumberstone Rd. S. to West River.

Species	No. counted in sector				total
	1	2	3	4	
Great Blue Heron	1	1		2	4
Tundra Swan	1	1	14	22	38
Mute Swan			2	2	4
Canada Goose	34	28	251		313
Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Killdeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker		1	4	8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	17	19	9	19	64



Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	<u>No. counted in sector</u>				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
<hr/>					
Total Species	41	36	43	51	66



11:45 5:30  
6:55- 1:30  
5:00 4:00

# SERC Winter Bird Checklist

DANNY BYSTRAK  
CHARLES WEATHERHILL  
ED BELINSKY  
JESS PARKER

Observers

Date 1-11-97 Sector 4  
Party Size 4 Party Hrs 9  
Miles: Foot 11 Car     Boat     Total 11

Species	Individuals	Species	Individuals
Mute Swan	2	Common Crow	7
Common Loon		Fish Crow	
Great Blue Heron	2	Blue Jay	6
Tundra Swan	13	Carolina Chickadee	10
Canada Goose		Tufted Titmouse	8
Mallard	9	White-br. Nuthatch	2
Black Duck	52	Red-br. Nuthatch	
Wood Duck		Brown Creeper	
Redhead		Carolina Wren	1
Canvasback	8	Winter Wren	
Greater Scaup	<del>8</del>	N. Mockingbird	1
Lesser scaup	<del>1</del>	Brown Thrasher	2
Scaup sp.	21	Gray Catbird	
Comm. Goldeneye	1	American Robin	21
Bufflehead	27	Hermit Thrush	2
Ruddy Duck	456	Eastern Bluebird	
Hooded Merganser	1	Ruby-cr. Kinglet	
Oldsquaw		Golden-cr. Kinglet	5
Turkey Vulture	4	Cedar Waxwing	11
Black Vulture	1	European Starling	30
Bald Eagle	2	Yell.-rumped Warbler	34
Sharp-shinned Hawk	1	House Sparrow	
Red-tailed Hawk	1	Red-winged Blackbird	15
Red-shouldered Hawk		Eastern Meadowlark	
American Kestrel		Common Grackle	1
Bobwhite		Brown-headed Cowbird	
Killdeer		Northern Cardinal	12
Herring Gull	25	Purple Finch	1
Ring-billed Gull	6	House Finch	
Gr. Black-backed Gull	1	Am. Goldfinch	15
Mourning Dove	19	Ruf.-sided Towhee	1
Great Horned Owl		Dark-eyed Junco	9
Barred Owl		Field Sparrow	
Barn Owl		Wh.-throated Sparrow	70
Belted Kingfisher	1	Swamp Sparrow	2
Common Flicker	2	Song Sparrow	5
Pileated Woodpecker	1		
Yellow-bel. Sapsucker	7		
Hairy Woodpecker	4		
Downy Woodpecker	6		
Red-bellied Woodpecker	10		
Eastern Phoebe			
Red-headed Woodpecker	1		

BBME  
RSHA  
AMKE  
KILL  
EAPH  
BRCK  
WWR  
EABL

HOSP  
HOFI  
CHSP  
FOSP  
AMCO

9/3  
54  
67

Rare or sporadic at SERC in winter : Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow



Jan 1997 count

**"Target" species - often in area, but missed on some counts**

All loons and grebes <sup>x</sup>

All herons and egrets GBH

Tundra Swan and Mute Swan both

All ducks except Mallard, Black Duck, Bufflehead, Lesser Scaup, Canvasback

Bald Eagle ✓

also: Ruddy, Rbr Merganser, Hooded Merg.

All hawks except Red-shouldered Hawk

C. Goldeneye, Am. Coot

All owls <sup>x</sup>

SS Hawk ✓

All gulls except Ring-billed Gull Gr B/B's, Herring ✓

All shorebirds K. Deer ✓

Rock Dove <sup>x</sup>

Bobwhite <sup>x</sup>

Wild Turkey <sup>x</sup>

Red-headed Woodpecker ✓

Eastern Phoebe ✓

Fish Crow +

Red-breasted Nuthatch and White-breasted Nuthatch ✓

Winter Wren ✓

✓ Brown Thrasher

Gray Catbird \*

Hermit Thrush ✓

American Robin ✓

Ruby-crowned Kinglet <sup>x</sup> Golden-cr. Kinglet ✓

Loggerhead Shrike <sup>x</sup>

Brown-headed Cowbird <sup>x</sup>

Common Grackle ✓

Purple Finch ✓ and House Finch ✓

All sparrows except House, White-throated, and Song

Swamp ✓

Chipping ✓



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Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Killdeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
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Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
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Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
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Total Species	41	36	43	51	66



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Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Killdeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker		1	4	8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	17	19	9	19	64



Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	No. counted in sector				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66



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Cumberstone Rd. S. to West River.

Species	<u>No. counted in sector</u>				total
	1	2	3	4	
Great Blue Heron	1	1		2	4
Tundra Swan	1	1	14	22	38
Mute Swan			2	2	4
Canada Goose	34	28	251		313
Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Killdeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker		1	4	8	13
Hairy Woodpecker				6	6
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Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Killdeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker		1	4	8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	17	19	9	19	64



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Cumberstone Rd. S. to West River.

Species	No. counted in sector				total
	1	2	3	4	
Great Blue Heron	1	1		2	4
Tundra Swan	1	1	14	22	38
Mute Swan			2	2	4
Canada Goose	34	28	251		313
Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Killdeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker		1	4	8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
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Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Killdeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker		1	4	8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
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American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Killdeer	3		8		11
Herring Gull			1	25	26
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Great Black-backed Gull	1		1	1	3
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Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker		1	4	8	13
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Downy Woodpecker	4	10	9	11	34
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Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
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Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
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Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
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	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
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Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66



Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	No. counted in sector				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
Total Species	41	36	43	51	66



Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	<u>No. counted in sector</u>				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
Yellow-rumped Warbler	7	16	9	57	89
House Sparrow	2				2
Red-winged Blackbird	103	2		115	220
Common Grackle	7			1	8
Northern Cardinal	3	9	2	16	30
Purple Finch				1	1
House Finch	10				10
American Goldfinch	5	18	6	17	46
Rufous-sided Towhee	2		1	7	10
Dark-eyed Junco	31	107	21	19	178
White-thr. Sparrow	16	141	93	96	346
Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
<hr/>					
Total Species	41	36	43	51	66



# Results of 1997 SERC winter bird count (11 January 1996)

No. of observers: 14 No. of parties: 4 Party hrs: ca. 29 Weather: clear; T = 25-35° F;  
winds: calm in early A.M., building to moderate for rest of day Ice: none Sectors: 1 - Camp  
Letts S. to Dock Rd; 2 - Dock Rd S. to Muddy Creek; 3 - Muddy Creek S. to Cumberstone Rd; 4 -  
Cumberstone Rd. S. to West River.

Species	No. counted in sector				total
	1	2	3	4	
Great Blue Heron	1	1		2	4
Tundra Swan	1	1	14	22	38
Mute Swan			2	2	4
Canada Goose	34	28	251		313
Mallard	11	4	3	9	27
Black Duck	14	42	164	66	286
Canvasback	200			718	918
Scaup sp.	75			40	115
Common Goldeneye				1	1
Bufflehead	14			55	69
Ruddy Duck	577			671	1248
Red-breasted Merganser	10	1			11
Hooded Merganser		2	7	1	10
American Coot				3	3
Turkey Vulture	5	5	2	4	16
Black Vulture	3		7	6	16
Bald Eagle				2	2
Sharp-shinned Hawk			1	1	2
Red-tailed Hawk	3	2	2	1	10
Red-shouldered Hawk	1		1		2
American Kestrel	1				1
Killdeer	3		8		11
Herring Gull			1	25	26
Ring-billed Gull	61	7	10	81	159
Great Black-backed Gull	1		1	1	3
Mourning Dove		6		19	25
Belted Kingfisher	2	1	1	1	5
Common Flicker	5	3	11	3	22
Pileated Woodpecker				1	1
Yellow-bellied Sapsucker		1	4	8	13
Hairy Woodpecker				6	6
Downy Woodpecker	4	10	9	11	34
Red-bellied Woodpecker	4	5	9	16	31
Red-headed Woodpecker		1		1	2
Eastern Phoebe	1				1
Common Crow	17	23	14	7	61
Blue Jay	6	14	15	11	46
Carolina Chickadee	17	19	9	19	64



Results of 1997 SERC winter bird count (11 January 1996) - continued

Species	<u>No. counted in sector</u>				total
	1	2	3	4	
Tufted Titmouse	4	17	12	16	49
White-br. Nuthatch		2		2	4
Brown Creeper		2	1		3
Carolina Wren		1	2	1	4
Winter Wren	1	1	2		4
Northern Mockingbird	4		2	4	9
Brown Thrasher				2	2
American Robin				24	24
Hermit Thrush		2	9	3	14
Eastern Bluebird	5	11	25		41
Golden-crowned Kinglet		17	4	6	27
Cedar Waxwing			4	14	18
European Starling		1	3	31	35
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Swamp Sparrow			1	5	6
Song Sparrow	2	23	17	16	58
Chipping Sparrow			1		1
Fox Sparrow			1		1
<hr/>					
Total Species	41	36	43	51	66



TO : PARTICIPANTS IN 1997 SERC WINTER BIRD COUNT

FROM : JIM LYNCH

RE : RESULT OF COUNT

DATE : 12 JANUARY 1997

Weather: So far, the winter of 1996-97 has been unusually mild. Temperatures reached into the 70's a week prior to the count, breaking all-time records for the Baltimore-Washington region. This balmy weather quickly deteriorated, and falling temperatures and snow flurries characterized the pre-count week. About 1" of new snow blanketed the count area the night before the count. The morning of the count was calm, clear, and cool (ca. 25° F). The day remained on the cool side, with afternoon temperatures peaking at 34-36° F, but a stiff breeze had built by mid-day. The Rhode River and West River were free of ice, a welcome change from last year's ice-locked conditions.

The count.-- We mustered 14 volunteers at the SERC visitor's center at 07:00. As usual, we broke up into four parties, each of which covered a different sector of the 70 km<sup>2</sup> Rhode River count area (this is only about 5% the size of a standard 1,810 km<sup>2</sup> Audubon Christmas Count circle). Each party was in the field for 6.5-9 hours. Weather conditions were reasonably good, and our final tally of 66 bird species was moderately high compared with previous SERC counts. We easily exceeded 1996's miserable total of 44 species and 1995's 60 species, but did not match the 1993,1994 counts, which yielded 70 and 68 species, respectively. Last year's ice-bound conditions were anathema to water birds, and in 1996 we counted only 2 species of waterfowl (Canada Goose and Tundra Swan). This year we tallied 13 waterfowl species, a record for the SERC count. Other major contrasts with last year's results included a steep decline in numbers of Canada Geese (313 vs. 2184) and a huge influx of Ruddy Ducks (none in past three years, vs. 1,248 this year). Unusual species (for the SERC area) in this year's count included the first ever records of Hooded Merganser and American Coot, and our second-ever Fox Sparrow and Chipping Sparrow.

Thanks to all of you for helping out, and I look forward to seeing you again next year.

cc: Ed Balinsky, Chris Barkan, Danny Bystrak, Paul Fofonoff, Tod Heisler, Chris Himes, Stephanie Jamieson, Jim Lynch, Karen Marti, Linda McCann, Jess Parker, Chris Swarth, Charles Weatherhill, Denny Whigham



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11 Jan 1997 Bird Count

SERC Winter Bird Checklist

Date 11 Jan 97 Sector Compilation

Party Size      Party Hrs     

Miles: Foot      Car      Boat      Total     

Observers                                 

Species	Individuals				
	1	2	3	4	TOTAL
Common Loon	1	2	3	4	
Great Blue Heron	1	1	2		(4)
Tundra Swan	1	1	14	22	(38)
Canada Goose	34	28	25	-	(313)
Mallard	11	4	3	9	(27)
Black Duck	14	4	2	16	(286)
Wood Duck					
Redhead					
Canvasback	20	-	-	718	(918)
Greater Scaup					
Lesser scaup					
Scaup sp.	75	-	-	40	(115)
Comm. Goldeneye			1		(1)
Bufflehead	14	-	-	55	(69)
Ruddy Duck	577	-	-	671	(1248)
Red-br. Merganser	10	1	-	-	(11)
Oldsquaw	-	-	-	-	
Turkey Vulture	5	5	2	4	(16)
Black Vulture	3	0	7	6	(16)
Bald Eagle	-	-	-	2	(2)
Sharp-shinned Hawk	-	-	1	1	(2)
Red-tailed Hawk	3	2	2	1	(8)
Red-shouldered Hawk	1	-	1	-	(2)
American Kestrel	1	-	-	-	(1)
Bobwhite	-	-	-	-	
Killdeer	3	-	8	-	(11)
Herring Gull	-	-	1	25	(26)
Ring-billed Gull	61	7	10	81	(159)
Gr. Black-backed Gull	1	-	1	1	(3)
Mourning Dove	-	6	-	19	(25)
Great Horned Owl	-	-	-	-	
Barred Owl	-	-	-	-	
Barn Owl	-	-	-	-	
Belted Kingfisher	2	1	1	1	(5)
Common Flicker	5	3	11	3	(22)
Pileated Woodpecker	-	-	-	1	(1)
Yellow-bel. Sapsucker	-	1	4	8	(13)
Hairy Woodpecker	-	-	-	6	(6)
Downy Woodpecker	4	10	9	11	(34)
Red-bellied Woodpecker	4	5	9	16	(34)
Eastern Phoebe	1	-	-	-	(1)

23 15 18 25 31

Species	Individuals				
	1	2	3	4	TOTAL
Common Crow	17	23	14	4	
Fish Crow	-	-	-	-	
Blue Jay	6	14	15	11	(46)
Carolina Chickadee	17	19	9	19	(64)
Tufted Titmouse	4	17	12	16	(49)
White-br. Nuthatch	-	2	-	2	(4)
Red-br. Nuthatch	-	-	-	-	
Brown Creeper	-	2	1	-	(3)
Carolina Wren	-	1	2	1	(4)
Winter Wren	1	1	2	-	(4)
N. Mockingbird	4	0	2	4	(10)
Brown Thrasher	-	-	-	2	(2)
Gray Catbird	-	-	-	-	
American Robin	-	-	-	24	(6)
Hermit Thrush	-	2	9	3	(14)
Eastern Bluebird	5	11	25	-	(41)
Ruby-cr. Kinglet	-	-	-	-	
Golden-cr. Kinglet	-	17	4	6	(27)
Cedar Waxwing	-	-	4	14	(18)
European Starling	-	1	3	31	(35)
Yell.-rumped Warbler	7	16	9	57	(89)
House Sparrow	2	-	-	-	(2)
Red-winged Blackbird	103	2	-	15	(120)
Eastern Meadowlark	-	-	-	-	
Common Grackle	7	-	-	1	(8)
Brown-headed Cowbird	-	-	-	-	
Northern Cardinal	3	9	23	16	(30)
Purple Finch	-	-	-	1	(1)
House Finch	10	-	-	-	(10)
Am. Goldfinch	5	18	6	17	(46)
Ruf.-sided Towhee	2	-	1	7	(10)
Dark-eyed Junco	31	107	21	19	(178)
Field Sparrow	-	-	-	-	
Wh.-throated Sparrow	16	141	93	95	(346)
Swamp Sparrow	-	-	1	5	(6)
Song Sparrow	2	23	17	16	(58)
Mute Swan	-	-	2	2	(4)
Hooded Merg.	-	2	7	1	(10)
Red-h. Woodpecker	-	1	-	1	(2)
Chipping Sparrow	-	-	1	-	(1)
Fox Sparrow	-	-	1	-	(1)
American Coot	-	-	3	1	(3)

18 21 25 26 35

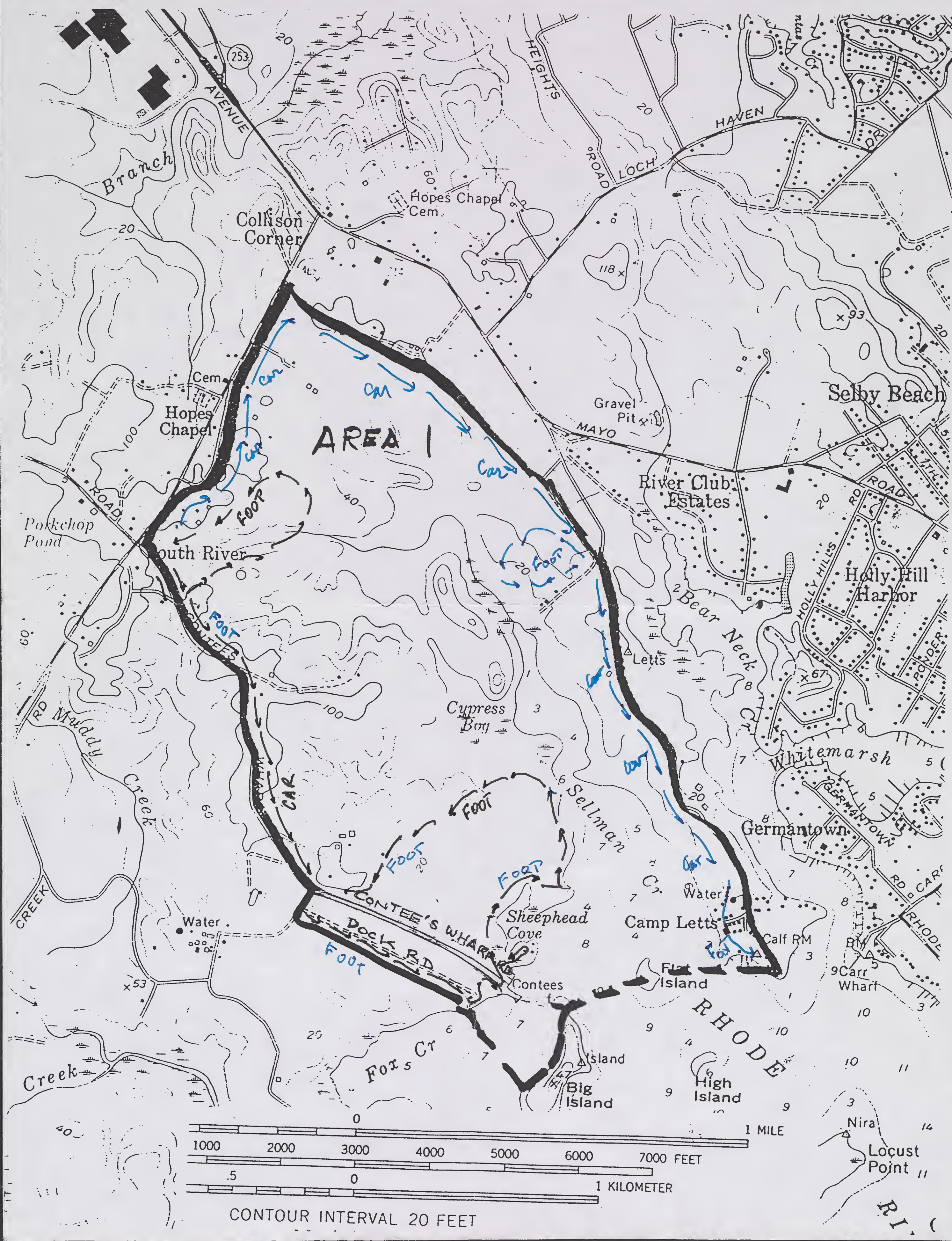
66 spp.

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

Total spp 1-41  
2-36  
3-43  
4-51

Grand Total: 66 species









ATTENDEES

SMITHSONIAN ENVIRONMENTAL RESEARCH CENTER

Nancy Polen + Paul McCallister

Betsy Von Hake (+ 1?)

Jess Parker + 1

Denny + sev.

Danny Bystrak

Paul FOFONOFF

Mark + Sheila

Ted + Chris?

Laurie + John (PM)

Jim + Linda

Chris Smith

Chris Barkan

Ed B.

P.O. Box 28 Edgewater, Maryland 21037



# SERC Winter Bird Checklist

Observers JFL, FM, TH, Chris

A.M. Session  
0730-12:15

Date 11 Jan 97 Sector 1  
Party Size 4 Party Hrs 4 3/4 AM  
Miles: Foot      Car      Boat      Total     

Species	Individuals	Species	Individuals
Common Loon		Common Crow <del>    </del>   7	(17)
Great Blue Heron	1	Fish Crow	
Tundra Swan	1	Blue Jay <del>    </del>	(6)
Canada Goose <u>9 down + 25</u>	(34)	Carolina Chickadee <del>    </del> <del>    </del> <del>    </del>	(17)
Mallard <u>2-9</u>	(11)	Tufted Titmouse	(4)
Black Duck <u>10 + 4</u>	(14)	White-br. Nuthatch	
Wood Duck		Red-br. Nuthatch	
Redhead		Brown Creeper	
Canvasback <u>475 + 200</u>	(200)	Carolina Wren	
Greater Scaup		Winter Wren	(1)
Lesser scaup <u>75</u>	(75)	N. Mockingbird	(4)
Scaup sp.		Brown Thrasher	
Comm. Goldeneye		Gray Catbird	
Bufflehead <u>11 + 11 + 11</u>	(14)	American Robin	
Ruddy Duck <u>4 + 8 + 4</u>	(16)	Hermit Thrush	
Red-br. Merganser <u>9 + 1</u>	(10)	Eastern Bluebird <u>5</u>	(5)
Oldsquaw		Ruby-cr. Kinglet	
Turkey Vulture <u>111</u>	(5)	Golden-cr. Kinglet	
Black Vulture <u>1</u>	(1)	Cedar Waxwing	
Bald Eagle		European Starling	
Sharp-shinned Hawk		Yell.-rumped Warbler <del>    </del>	(7)
Red-tailed Hawk <u>3</u>	(3)	House Sparrow	(2)
Red-shouldered Hawk		Red-winged Blackbird <u>20 3 40 40</u>	(103)
American Kestrel <u>1</u>	(1)	Eastern Meadowlark	(7)
Bobwhite		Common Grackle <u>9</u>	
Killdeer	<u>2</u>	Brown-headed Cowbird	
Herring Gull		Northern Cardinal <u>11</u>	(3)
Ring-billed Gull <u>20</u>	(40)	Purple Finch	
Gr. Black-backed Gull <u>1</u>	(1)	House Finch <u>4 + 6</u>	(10)
Mourning Dove		Am. Goldfinch <u>5</u>	(5)
Great Horned Owl		Ruf.-sided Towhee <u>11</u>	(2)
Barred Owl		Dark-eyed Junco <u>4</u> <u>1 + 5 + 15</u>	(31)
Barn Owl		Field Sparrow	
Belted Kingfisher <u>11</u>	(2)	Wh.-throated Sparrow <del>    </del> <u>1 + 6 + 4</u>	(16)
Common Flicker <del>    </del>	(5)	Swamp Sparrow	
Pileated Woodpecker		Song Sparrow <u>11</u>	(2)
Yellow-bel. Sapsucker			
Hairy Woodpecker			
Downy Woodpecker <u>11</u>	(4)		
Red-bellied Woodpecker <u>11</u>	(4)		
Eastern Phoebe <u>1</u>	(1)		

undisparrow types - 25 or 50

Hooded Merganser

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow



T = totals for day

SERC Winter Bird Checklist

Observers Stephanie Jamison  
Denny Whigham  
Chris Swarth

Date 1/11/97 Sector 3  
Party Size 3 Party Hrs \_\_\_\_\_  
Miles: Foot \_\_\_\_\_ Car \_\_\_\_\_ Boat \_\_\_\_\_ Total \_\_\_\_\_

afternoon 445, 445

Species Individuals Species 33 Individuals

T=14 12	Common Loon	T=14 2	Common Crow 1, 1
T=251 44	Great Blue Heron	T=15 5	Fish Crow
T=3 3	Tundra Swan 8, 4	T=9 3	Blue Jay 1, 2, 2
T=164 159	Canada Goose 44 (320 pm over land flat)	T=12 6	Carolina Chickadee 2, 1
	Mallard 1, 2		Tufted Titmouse 1, 1, 1, 3
	Black Duck 150, 9		White-br. Nuthatch
	Wood Duck		Red-br. Nuthatch
	Redhead	T=1	Brown Creeper
	Canvasback	T=2	Carolina Wren
	Greater Scaup	T=2	Winter Wren
	Lesser scaup	T=2 2	N. Mockingbird 1, 1
	Scaup sp.	(1?)	Brown Thrasher 1?
	Comm. Goldeneye		Gray Catbird
	Bufflehead		American Robin
	Ruddy Duck 1	T=9 1	Hermit Thrush 1, 1, 1, 1, 2
	Red-br. Merganser	T=25 24	Eastern Bluebird 20, 4
	Oldsquaw		Ruby-cr. Kinglet
T=2	Turkey Vulture	T=4	Golden-cr. Kinglet
T=7 1	Black Vulture 1	T=4 4	Cedar Waxwing 3, 1
T=1	Bald Eagle	T=3 1	European Starling 1
T=2	Sharp-shinned Hawk 1	T=9 2	Yell.-rumped Warbler 1, 1
T=1	Red-tailed Hawk		House Sparrow
	Red-shouldered Hawk 1		Red-winged Blackbird
	American Kestrel		Eastern Meadowlark
	Bobwhite		Common Grackle
T=8	Killdeer		Brown-headed Cowbird
T=1	Herring Gull	T=23 14	Northern Cardinal 1, 2, 2
T=10	Ring-billed Gull		Purple Finch
T=1	Gr. Black-backed Gull		House Finch
	Mourning Dove	T=6 4	Am. Goldfinch 4
	Great Horned Owl	T=1 1	Ruf.-sided Towhee 1
	Barred Owl	T=21 12	Dark-eyed Junco 2, 10
	Barn Owl		Field Sparrow
T=1 1	Belted Kingfisher 1	T=93 31	Wh.-throated Sparrow 10, 2, 15, 10
T=11 4	Common Flicker 1, 1, 1, 1	T=1 1	Swamp Sparrow 1
	Pileated Woodpecker	T=17 2	Song Sparrow 1, 1
T=4 1	Yellow-bel. Sapsucker 1		
	Hairy Woodpecker	T=1	Chipping Sparrow
T=9 3	Downy Woodpecker 1, 1, 1	T=1	Fox Sparrow
T=9 3	Red-bellied Woodpecker 1, 1, 1	T=7	Hooded Merganser
	Eastern Phoebe	T=2	Mute Swan
		T=3	Coot

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

3 Coot 3

3 Hooded merganser 2, 1  
2 Mute swan 2



# SERC Winter Bird Checklist

Observers

Stephanie Jamison  
Denny Whigham  
Chris Swadish

Date 1/11/97 Sector 3

Party Size 3 Party Hrs       

Miles: Foot        Car        Boat        Total       

Species

Individuals

Species

35

Individuals

- 2 ✓ Common Loon  
197 ✓ Great Blue Heron  
197 ✓ Tundra Swan 2  
197 ✓ Canada Goose 6, 6, 54, 30, 8, 29, 26, 38  
5 ✓ Mallard  
5 ✓ Black Duck 5  
Wood Duck  
Redhead  
Canvasback  
Greater Scaup  
Lesser scaup  
Scaup sp.  
Comm. Goldeneye  
Bufflehead  
✓ Ruddy Duck  
Red-br. Merganser  
Oldsquaw  
2 ✓ Turkey Vulture 1, 1  
6 ✓ Black Vulture 3, 2, 1  
Bald Eagle  
1 Sharp-shinned Hawk 1  
2 ✓ Red-tailed Hawk 1, 1  
✓ Red-shouldered Hawk  
American Kestrel  
Bobwhite  
4 ✓ Killdeer 2, 2, 4  
1 ✓ Herring Gull 1  
10 ✓ Ring-billed Gull 2, 8,  
1 ✓ Gr. Black-backed Gull 1  
Mourning Dove  
Great Horned Owl  
Barred Owl  
Barn Owl  
✓ Belted Kingfisher  
7 ✓ Common Flicker 1, 1, 1, 4,  
Pileated Woodpecker  
3 ✓ Yellow-bel. Sapsucker 1, 1  
Hairy Woodpecker  
6 ✓ Downy Woodpecker 1, 2, 1, 1, 1  
6 ✓ Red-bellied Woodpecker 1, 1, 1, 1, 1, 1  
Eastern Phoebe

- 104 12 ✓ Common Crow 1, 3, 2, 1, 2, 1, 1, 2  
197 108 ✓ Fish Crow  
6 ✓ Blue Jay 1, 5, 1, 1, 1, 1  
6 ✓ Carolina Chickadee 1, 1, 1, 1, 1, 1  
6 ✓ Tufted Titmouse 2, 1, 1, 1, 1  
White-br. Nuthatch  
Red-br. Nuthatch  
1 ✓ Brown Creeper 1  
2 ✓ Carolina Wren 2  
2 ✓ Winter Wren 1, 1  
✓ N. Mockingbird  
Brown Thrasher  
Gray Catbird  
American Robin  
2 ✓ Hermit Thrush 1, 1  
1 ✓ Eastern Bluebird 1  
Ruby-cr. Kinglet  
4 ✓ Golden-cr. Kinglet 2, 2  
✓ Cedar Waxwing  
2 ✓ European Starling 2  
7 ✓ Yell.-rumped Warbler 1, 4, 2  
House Sparrow  
Red-winged Blackbird  
Eastern Meadowlark  
Common Grackle  
Brown-headed Cowbird  
9 ✓ Northern Cardinal 1, 1, 1, 1, 2, 1, 2  
Purple Finch  
House Finch  
2 ✓ Am. Goldfinch 1, 1  
✓ Ruf.-sided Towhee  
9 ✓ Dark-eyed Junco 8  
Field Sparrow  
54 ✓ Wh.-throated Sparrow 4, 10, 12, 10, 20,  
✓ Swamp Sparrow  
15 ✓ Song Sparrow 1, 1, 1, 1, 1, 10  
1 ✓ Chipping Sparrow 1  
1 ✓ Fox Sparrow 1

Rare or sporadic at SERC in winter : Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow

4 ✓ Hooded Merganser 2, 2



# SERC Winter Bird Checklist

Date 11 Jan 97 Sector 2

Observers Chris Barkan, Paul Fofonoff 7:35-4:30  
Karen, Marti (7:35-9:45)  
*only*

Party Size 3 Party Hrs \_\_\_\_\_  
Miles: Foot \_\_\_\_\_ Car \_\_\_\_\_ Boat \_\_\_\_\_ Total \_\_\_\_\_

Species	Individuals	Species	Individuals
	7:35-9:45 10-12:15 1:15-4:00		7:35-9:45 10-12:15 1:15-4:00 4:15-4:30
Common Loon		23 Common Crow	2, 2 5
1 Great Blue Heron	1	Fish Crow	
1 Tundra Swan	1	14 Blue Jay	1, 1, 1, 1
28 Canada Goose	8, 2, 18	19 Carolina Chickadee	2, 2, 2, 2, 2
4 Mallard	2, 2	17 Tufted Titmouse	2, 1 2, 2 1, 3, 4, 2
42 Black Duck	2 30, 10, 10	2 White-br. Nuthatch	1
Wood Duck		Red-br. Nuthatch	
Redhead		2 Brown Creeper	1 1
Canvasback		1 Carolina Wren	1
Greater Scaup		1 Winter Wren	1
Lesser scaup		N. Mockingbird	
Scaup sp.		Brown Thrasher	
Comm. Goldeneye		Gray Catbird	
Bufflehead		American Robin	
Ruddy Duck		2 Hermit Thrush	2
1 Red-br. Merganser	1	11 Eastern Bluebird	1 10
Oldsquaw		1 Ruby-cr. Kinglet	
5 Turkey Vulture	1 2, 2	17 Golden-cr. Kinglet	3, 3, 3, 2 3, 1, 1
Black Vulture		Cedar Waxwing	
Bald Eagle		European Starling	
Sharp-shinned Hawk		16 Yell.-rumped Warbler	1, 2 1, 3, 2, 3
2 Red-tailed Hawk	2	House Sparrow	
Red-shouldered Hawk		2 Red-winged Blackbird	2
American Kestrel		Eastern Meadowlark	
Bobwhite		Common Grackle	
Killdeer		Brown-headed Cowbird	
Herring Gull		9 Northern Cardinal	1 2, 2 1
7 Ring-billed Gull	1 6	Purple Finch	
Gr. Black-backed Gull		House Finch	
6 Mourning Dove	6	18 Am. Goldfinch	3, 4, 8 3
Great Horned Owl		Ruf.-sided Towhee	
Barred Owl		107 Dark-eyed Junco	6, 6, 1, 8, 4, 6 6, 10, 2, 30 10, 6
Barn Owl		Field Sparrow	
1 Belted Kingfisher	1	141 Wh.-throated Sparrow	15, 4 12, 6, 6 6, 12, 5, 55, 10
3 Common Flicker	1 1	Swamp Sparrow	
Pileated Woodpecker		23 Song Sparrow	2, 12, 4 1 1, 3
1 Yellow-bel. Sapsucker	1	2 Hooded Merganser	2
Hairy Woodpecker		1 Red-bellied Woodpecker	1
10 Downy Woodpecker	2, 3 11		
5 Red-bellied Woodpecker	2 11		
Eastern Phoebe			

Rare or sporadic at SERC in winter: Red-throated Loon, Pied-billed grebe, Horned Grebe, Pintail, American Widgeon, Green-winged Teal, Wood Duck, Mute Swan, Cooper's Hawk, Marsh Harrier, American Coot, American Woodcock, Common Snipe, Virginia Rail, Rock Dove, Semi-palmated Plover, Screech Owl, Red-headed Woodpecker, Marsh Wren, Evening Grosbeak, Pine Siskin, White-crowned Sparrow, Fox Sparrow, Chipping Sparrow, Tree Sparrow



**“Target” species - often in area, but missed on some counts**

All loons and grebes

All herons and egrets

Tundra Swan and Mute Swan

All ducks except Mallard, Black Duck, Bufflehead, Lesser Scaup, Canvasback

Bald Eagle

All hawks except Red-shouldered Hawk

All owls

All gulls except Ring-billed Gull

All shorebirds

Rock Dove

Bobwhite

Wild Turkey

Red-headed Woodpecker

Eastern Phoebe

Fish Crow

Red-breasted Nuthatch and White-breasted Nuthatch

Winter Wren

Brown Thrasher

Gray Catbird

Hermit Thrush

American Robin

Ruby-crowned Kinglet

Loggerhead Shrike

Brown-headed Cowbird

Common Grackle

Purple Finch and House Finch

All sparrows except House, White-throated, and Song